

GEORGIEV, M.

Concerning the organization and mechanization of the loading and unloading and warehouse work construction enterprises. Vibrating sieve for transporting sand and solutions.

pages 8-13 (STROITELSTVO) Vol. 4, no. 7, 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

GEORGIEV, M.

"Improving the accounting and the cost accounting in the construction industry."

p.1 (Stroitelstvo, Vol. 5, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

Georgiyev, I.
 Country : BULGARIA
 Category : Chemical Technology. Ceramics, Binding Materials, Concrete
 Abs. Jour : Ref Zhov-Khimiya, No 14, 1959, No 50452
 Author : Georgiyev, M.
 Institute : -
 Title : Bulgarian Experience with Centralized Manufacture of Concrete and Solutions
 Orig Pub. : Stroitelstvo, 1958, 5, No 8, 6-13
 Abstract : Presented is a flow diagram together with the description of concrete manufacture at the centralized concrete plant in Sofia with a tie-in for the manufacture of a solution (T) suitable for supplying large housing construction projects. It is indicated that justification of T increases with the increase of yearly production. T also results in the necessity of mechanizing manufacturing operations. Technological and economic factors
 Card: 1/2

H-54

Country :
Category : Chemical technology. H-13
Abs. Jour : Ref Zhur-Khimiya, No 11, 1959, No 50458
Author :
Institute :
Title :
Orig Pub. :
Abstract : characterizing the manufacturing processes are
Con'd presented.-- Ya. Satunovskiy

Card: 2/2

GEORGIEV, M.

TECHNOLOGY

Periodicals: STROITELSTVO. Vol. 5, No. 12, 1958.

GEORGIEV, M. Methods for accelerating construction work. p. 1.

Monthly List of East European Accessions (EEAI) LC Vol. 3, No. 4, April 1959.
Unclass.

GLORIEV, N.

Mechanization, a factor for speeding and making the construction of dwellings cheaper. p. 5

TEKHNIKA. (Sduz za nauchno-tehnicheskite druzhestva v Bulgariia) Sofia, Bulgaria, Vol. 8, No. 5, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12,
December 1959
Encl.

GEORGIEV, Marin

Problems of labor productivity in railroad transport in
the next 20 years. Trud tsepi 4 no.8:10-26 '62.

GEORGIEV, Milan

Geomorphology of the eastern slope of the Balkan Mountains.
Gedishnik bio: 56 no.3:47-89 '61 '62 [publ. '63].

NANCHEV, H.; GEORGIEV, M.

Overvoltages in the substations with cable lines. Gpdishnik mash.
elekt 13 no.2:213-217 '63 [publ. '64].

GEORGIEV, Milan St.

Geomorphology of the Iakur Gorge between Plana and Lozenska
Planina. Godishnik biol 55 no.3:51-96 '60/'61 [publ. '62].

GEORGIYEV, E.

"Annual Business Meeting of the Agricultural Cooperative." p. 24,
(KOOPERATIVNO ZEMEDELIE, Vol. 9, No. 12, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

GEORGIEV, H.

Georgiev, H. Evaluation and standardization of work on cooperative farms. p.6.

Vol. 10, no. 10, Oct. 1955. KOOPELATIVNO ZEMEDELIE. Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2
February, 1956

GEORGIEV, M.

Correct preparation for annual business meetings. p. 1
KOOPERATIVNO ZEMEDELIE, Sofiya, Vol. 11, no. 1, Jan. 1956

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

GEORGIEV, M.

The Third Congress of the Union of Agricultural Cooperatives in Czechoslovakia. .
p. 37.
(Kooperativno Zemedelie, Vol. (12) no. 6, June 1957. Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EMAL) IC, Vol. 6, no. 10, October 1957. Uncl.

GEORGIEV, Milko, Inzh.

Polymeric materials in agricultural machine building. Tekhnika
Bulg 13 no.10:27-29 '64.

OF 1980-81, 1981-82.

A view on the standardization of drawings in Machine Building, and its economic effect. Internationalization 1/4 no. 11, 1981-82, 1982.

1. Scientific Research Institute for the Design, Development, and Manufacture of Metal-cutting Machines and Instruments, Plovdiv Branch, Plovdiv.

L 07229-67 EMP(J) RM/NE
ACC NR: A16023983

(A)

SOURCE CODE: BU/2509/63/058/000/0063/0076

AUTHOR: Dimitrov, Khr.; Georgiev, M. - Georgiyev, M.; Savatinova, Iv.

ORG: Department of Organic Chemistry, Chemistry Faculty, Sofia University (Katedra po organichna khimiya, Khimicheski fakultet, Sofiyski Universitet)

TITLE: Chemical composition of naphtha obtained by coking of topped residue from naphthenic-aromatic Tyulenovo crude. 7. Individual and group composition of aromatic and naphthenic-paraffinic hydrocarbons in the 150—200C fraction

SOURCE: Sofia. Universitet. Khimicheski fakultet. Godishnik, v. 58, 1963/1964. Sofia, 1965, 63-76

TOPIC TAGS: aromatic hydrocarbon, olefin, chemical composition, naphtha, paraffin

ABSTRACT: A combination method was used for the tentative group analysis and qualitative determination of individual hydrocarbons in a 150—200C cut of coking naphtha from Bulgarian crude; the method comprised chromatographic separation, rectification, gas chromatography, catalytic dehydrogenation, spectroscopy, and measurements of physical and chemical parameters. The presence of 36.8% naphthenic-paraffinic hydrocarbons, 38.2% olefins, and of 25% aromatics was shown. Qualitative analysis showed measurable and trace amounts of 18 and 11 aromatic and 15 and 9 cyclohexane derivatives, respectively. Relatively larger amounts of 1-methyl-3-ethylbenzene, 1,2,4- and 1,2,3-trimethylbenzene, indane, n-butylbenzene, 1,2-dimethyl-4-ethylbenzene, 1,2,4,5-tetramethylbenzene, and naphthalene were indicated by the intensity of spectroscopic

Card 1/2

L 07229-67

ACC NR: AT6023983

lines. Narrow fractions were obtained and coordinated with the distribution of paraffinic-cyclopentane derivatives. Orig. art. has: 7 tables and 5 figures.

SUB CODE: 07/ SUBM DATE: 18Dec64/ ORIG REF: 001/ OTH REF: 001/ SOV REF: 012

ms
Card 2/2

GEORGIEV, N.

Forest preservation is a duty of the whole nation. p. 101.
(BORSKO STOPANSTVO, Vol. 13, no. 2, Feb. 1957, Sofia, Bulgaria.)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

GEORGIEV, N.

"The Role of People's Councils in Strengthening the Village Cooperatives," p. 3.
(Narodna Kooperatsiia, No.1, Jan. 1953, Sofia.)

SO: Monthly List of East European Accessions, Vol.2, No.9, Library of Congress, September
1953, Uncl.

L 1634-66 EWP(t)/EWP(b) DIAAP/IJP(c) JD/JG

ACCESSION NR: AP5024262

CZ/0043/64/000/009/0661/0668

45
4
B

AUTHOR: Stefanov, G. (Sofia); Nenov, N. (Sofia); Tomov, T. (Sofia); Zivkov, Z. (Zhivkov, Zh.) (Sofia); Georgiev, N. (Georgiyev, N.) (Sofia); Popov, C. (Popov, Kh.) (Sofia); Michailov, M. (Mikhaylov, M.) (Sofia); Tolgyessy, J. (Tel'deshi, Yu.) (Engineer, Docent, Candidate of sciences) (Bratislava)

TITLE: Determination of gold in mineral raw materials by means of the neutron activation analysis

SOURCE: Chemicke zvesti, no. 9, 1964, 661-668

TOPIC TAGS: gold, analytic chemistry, silicate, radiation spectrometer, radiometer, radiation chemistry, neutron irradiation, neutron flux, neutron

Abstract [Authors' German summary, modified]: A method is presented of determining gold in samples of silicates by means of the neutron activation method. Samples were irradiated in a nuclear reactor by a flux of neutrons of $2.4 \times 10^{13} \text{ n by cm}^{-2} \text{ by s}^{-1}$. The induced activity was measured by a 400-channel scintillation γ spectrometer or a B-2 radiometer. It is possible to determine gold in ore and non-ore raw materials up to the volume of 2.8×10^{-10} grams. Orig. art. has 2 graphs and 3 tables.

Card 1/2

L 1634-66

ACCESSION NR: AP5024262

ASSOCIATION: [Stefanov, Nenov, Tomov, Zivkov, Georgiev, Popov, Michajlov] Naucno
 izsledovatel'ski geologiceski institut pri Glavno upravlenie po geologija i ochrana
 na zemnite nedra, laboratorija aktivacionen analiz, Sofia (Activation Analysis
 Laboratory, Scientific Research Institute of Geology, Main Administration for
 the Geology and Protection of Mineral Resources), 55 Tolgyassy/ Katedra radiochemie
 a radiacnej chemie Slovenskej vysokej školy technickej, Bratislava (Slovak Institute
 of Technology, Department of Radiochemistry and Radiation Chemistry) 55

SUBMITTED: 23Jan64

ENGL: 00

SUB CODE: GC, NP

NO REF SOV: 004

OTHER: 007

JPRS

Card 2/2

1.3.11.1, ...

SPASOV, M.; GEORGIEV, N. "Voltmeter with an iron cylinder."
Radio, Sofiya, Vol 2, No 11, 1953, p. 16

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

TECHNOL., L.

SPASOV, M.; GEORGIEV, N. "Timed electron relays."
Radio, Sofiya, Vol 2, No 11, 1955, p. 20

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

GEORGIEV, N.

SPASOV, M.; GEORGIEV, N. "Types of amplifiers; low-frequency voltage amplifiers."
Radio, Sofia, Vol 2, No 11, 1953, p. 27

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

GRIGORIEV, N.

SPASOV, M.; GRIGORIEV, N. "Radar pulses."
Radio, Sofiya, Vol 2, No 11, 1953, p. 32

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

GEORGIEV, N., inzh.

The Goubeau lines. Radio i televiziia 11 no.7:209-210 '62.

GEORGIEV, Nikola, inzh. (Varna)

Device for polar modulation through frequency conversion.
Radio i televiziia 13 no.11:351 '64.

BULGARIA

Lt Col N. GEORGIEV, Medical Corps (Meditsinskaia sluzh'ba).

"Immediate Osteoplasty for Delayed Radiation Necrosis of the Lower Jaw."

Sofia, Voenno Meditsinsko Delo, Vol 7, No 4, Dec 1962: pp 83-85.

Abstract: Necrosis of the horizontal mental process of the mandible in a man aged 63 who had been irradiated (30 sessions and 9 radon seeds) for lingual cancer 10 years earlier. Immediate surgery with transplantation of portion of rib, antibiotics; excellent results. Three roentgenograms, 5 Soviet and 4 Western references.

GEORGIEV, Petur, prof. (Sofia)

Preparing, organizing, and carrying out the September Ninth People's
Uprising. Spisanie BAN 5 no.1:30-44 '60. (EEAT 9:11)
(Bulgaria--History)
(Bulgaria--Communist Party)

GEORGIEV, R.

BULGARIA / Diseases of Farm Animals. General Problems.

R

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7418

Author : ~~Georgiyev~~, Ranko

Inst : Ministry of Agriculture and Forestry

Title : Physiological Anisocytosis in Some Domestic Animals
and an Experience in Employing It in Clinical
Diagnosis

Orig Pub : Nauchni. tr. M-vo zemed. i gorite. Ser. zhivotnov"-
dstvo i vet. delo, 1957, 2, No 1, 41-48

Abstract : Anisocytosis as an indicator of blood changes in
various physiological conditions and pathological
processes is hardly utilized in veterinary practice.
In order to determine the level of anisocytosis, it
is expedient to use methods of variation statistics.
By determining the average diameter of erythrocytes,
the displacement of the variation curve of erythrocyte

Card 1/3

BULGARIA / Diseases of Farm Animals. General Problems.

R

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7418

sizes to the left (microcytosis) or to the right (macrocytosis) is established. The average diameter of erythrocytes in horses amounts to 5.07 - 5.5, in cattle to 5.67 - 6.18, in sheep to 4.08 - 4.38, in goats to 3.02 - 3.29 μ m. The physiological anisocytosis of horses is to be found within the limits of a square variation of 0.41 - 0.43, of cattle within 0.45 - 0.54 and of goats within 0.25 - 0.29. Higher deviations than those to be found within the limits mentioned above, should be considered as pathological anisocytosis which in a number of cases accompanies pathological conditions of the animals' organism. Thus in horses microcytosis without anisocytosis was observed when jaundice (4 cases) was present, in pleuropneumonia (17 cases) anisocytosis with a tendency to macrocytosis, and in strangles

Card 2/3

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BULGARIA / Diseases of Farm Animals. General Problems.

R

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514730008-3

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7418

(4 cases), a typical anisocytosis. The most typically manifested anisocytosis is found in calves with leptospirosis. Macrocytosis without anisocytosis was established in sheep with severe distomatosis. --
I. Ya. Panchenko

Card 3/3

NIKOLOV, K.; GEORGIEV, R.

Purification of water in the primary circuit of the IRT-1000 reactor in Sofia, and control of its quality. Izv fiz atom BAN 11 no.1/2: 193-199 '63.

GEORGIEV, Radi, inzh.

New material and new technology in the processing of furniture surfaces and panelling in shipbuilding. Duvnabel prom 6 no.3:20-21 My-Je'63

1. DIP "Sava Ganchev", Varna.

GEORGIEV, S.; IANAYISV, V.; IENACHEV, Khr.; VASILIEV, At.

Characteristics of the mixtures and vulcanized rubber containing regenerated rubber previously processed with soot. Khim i Industriia 36 no.9:322-324 '64.

1. Scientific Research Institute of the Rubber and Plastic Industries, Sofia. Submitted October 19, 1964.

BULGARIA

GEORGIEV, S., Dr, [Affiliation not given.]

"Meeting of Veterinary Specialists with District Veterinary Specialists."

Sofia, Veterinarna Sbirka, Vol 60, No 5, 1963; pp 30-31.

Abstract: Report about a 3-day meeting in Sofia in February 63, to review 1962 results and plan 1963 work; data on hoof-and-mouth disease epidemiology in Bulgaria and neighboring countries; poultry infections; anthrax; animal production quotas; exhortations.

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GEORGIEV, S.

"New method for determining the density of soils."

TEKHNIKA. Sofia, Bulgaria., Vol. 7, No. 8, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EELI), LC, Vol. 6, No. 7, July 1959, Unclass

GJUZELEV, L. [Guizelev, L.]; GEORGIEV, S.

Determination of an objective index for the degree of mold in tobacco. Doklady BAN 15 no.5:551-554 '62.

1. Vorgelegt von Akademiemitglied A. Popoff [Popov, A.], Mitglied des Redaktionskomitee, "Doklady Bolgarskoy Akademii nauk".

GEORGIEV, S.

COUNTRY : BULGARIA
 CATEGORY : Chemical Technology, Chemical Products and
 Their Applications, Dyeing and Chemical Treat-
 ment
 REG. NO. : 16. 10. 1991, No. 70038

SECRET

THIS : New formulation for ^{or solution} Thread with the use of Sodium Silicate

ORIG. RUC. : Lekh promishlenost. tekstil, 1952. 7, No 7, 28

ABSTRACT : Discussion of the experience in the matter of employing sodium silicate in the sizing process of cotton thread that employs starch solution in accordance with the Soviet method. -- Z. Lebedeva.

Department of Textile Materials.

209: 1/1

GEORGIEV, S.; [REDACTED].

AGRICULTURE

Periodical AGROKULTURA. No. 11, Nov. 1958.

GEORGIEV, S.; MIKHEV, I. In the green chair. p. 27.

Monthly List of East European Accessions (MEM) 10, Vol. 8, no. 3, March, 1959. Uncl.

GEORGIEV, S.

"New weaving machines and the possibilities of their replacing the contemporary weaving looms."

LEKA PROMISHLENCST. TEKSTIL., Sofia, Bulgaria., Vol. 7, No. 11, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

TIMCHEV, L.; GEORGIEV, S.

Case of hemorrhagic fever with psychotic symptoms. Suvrem. med., Sofia
8 no.6:87-91 1957.

1. Iz Terapevtichnogo otdelenie na gradskata bolnitsa; Khaskovo
(Glaven lekar: Ag. Atanasov) i Okruzhnia psikhonevrolo;ichen dispanser;
Khaskovo (Glaven lekar: L. Timchev).

(EPIDEMIC HEMORRHAGIC FEVER, complications,
psychosis (Bul))

(PSYCHOSES, etiology and pathogenesis,
epidemic hemorrh. fever (Bul))

VENKOV, Dr. T.; GEORGIEV, Dr. S., ODVS at Pleven; KHASEKIEV, Dr. N., TKSS at Zgalevo, Plevan District

"Effect of Selenium Dioxide on the Growth of Young Pigs"

Sofia, Veterinarna Sbirka, Vol 63, No 9, p 30

Abstract: Selenium in various forms is used extensively as a remedy in veterinary medicine. It was established in Western work that selenium increases considerably the rate at which lambs gain weight. Kr. Gerov et al. found that selenium also increases wool production of the animals. Good results were obtained by T. Venkov et al. in experiments in which selenium was administered to stunted young pigs. In experiments conducted in this instance by the authors, 0.4 ml/kg of an 0.1% alkalized selenium dioxide solution was injected every 10 days into normal, healthy pigs 1-2 mos. old. Within 30 days, a rate of growth 20% higher than that of control animals was obtained. Furthermore, the pigs treated with selenium dioxide showed a higher resistance to infection than animals in the control group.

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BALABANOV, Kr.; GEORGIEVA, Sl.;

Colliquative tuberculosis of the external urethral orifice followed by the prepuce tuberculosis similar to granuloma anulare. Dermato vener Sofia 1 no.3:37-40 '62.

1. Iz Katedrata po kozhni i venericheski bolesti pri VII, Sofiia (rukov. na katedrata prof. L. Popov).
2. Chlen na Redaktsionen suvet, "Dermatologiya i venerologiya" (for Balabanov).

PETROV, G.; GEORGIEV, S.; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.
STAMATOV, G.

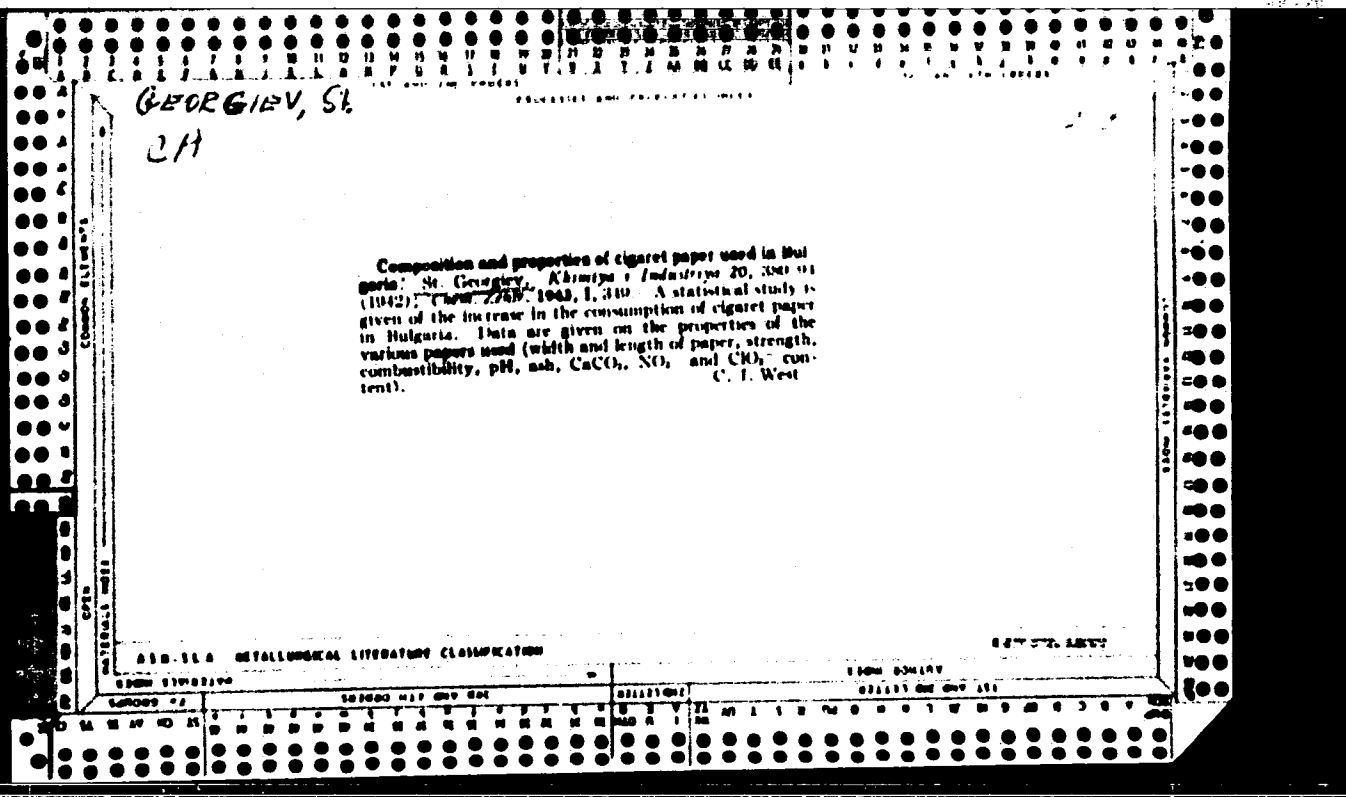
Graphic method for the selection of reducers. Godishnik mash elekt
10 no.1:59-68 '61 (publ. '62).

PETROV, G.; GEORGIEV, ~~Sl.~~; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.;
MALINOV, N.; STAMATOV, G.

Graphic method for the computation of conveyors with rubber-
textile bands. Godishnik mash elekt 10 no.1:69-80 '61 (publ. '62).

PETROV, G.; GEORGIEV, Sl.; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.;
KODZHANSKA, N.; MAIJNOV, N.; CHORBADZHIEV, D.; STOIANOV, St.;
STOEV, G.; STAMATOV, G.

Graphic method for the computation of cylindrical vessels under
external and internal pressure. Godishnik mash elekt 10 no.1:81-
93 '61 (publ. '62).



GEORGIEV, Simeon K.

High-quality butyl rubber diaphragms. Kozhi Sofia 3 no.4:6-8
'62.

1. Durzhaven kauchukov zavod "G. Dimitrov".

GEORGIEV, Stoil, inzh.

New important problems for the textile industry. Tekstilna
prom 13 no. 1:1 '64.

1. N-k Upravlenie "Tekstilna promishlenost" pri KLP.

GEORGIEV, T.

Some additional notes on the flora of Bulgaria with respect
to the genus Hieracium L. Izv Inst bot BAN no.8:169-174 '61.

GEORGIEV, T.

"Development of the rationalization work in the Runo State Woolen Textile
Combinat at the Iskar Railroad Station."

p. 27 (Loka Promishlenost, Vol. 6, no. 6, 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

GEORGIEV, St.

Twelve years of Bulgarian State Standardisation. Ratsionalizatsiia 11
no.9:25-29 '61.

(Standardization)

GEORGIEV, T., inzh.

Making use of mechanization, an important factor for the increase of labor productivity and the reduction of cost in coal mining.
Min delo 18 no. 2:12-14 F '63.

1. Zav. sektor "Minna promishlennost" pri Okruzhnoto upravlenie po promishlenostta, Sofia.

GEORGIEV, T.

COUNTRY : BULGARIA H
CATEGORY : Chemical Technology, Chemical Products and
Their Applications. Chemical Processing of *
ABS. JOUR. : AZKhim, No. 23 1959, No. 83515
AUTHOR : Georgiyev, Ts.
TITLE : Hycersorption Method for the Separation of
Natural and Artificial Gases
ORIG. PUB. : Tezhka promishlenost, 1958, 7, No 7, 29-33
ABSTRACT : Presented is description of the method and of
basic equipment involved as well as domains
of its industrial application. The bibliogra-
phy includes 19 references.

NOTED: Solid Fossil Fuels.
1/1

GEORGIEV, T.

"Improving the Work for Production of Mangel-Wurzel Seeds." p. 12,
(KOOOPERATIVNO ZEMEDELIE, Vol. 9, No. 9, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

GEORGIEV, T.

"Production of Potatoes in Rusenska Okoliya." p. 13
(KOOPERATIVNO ZEMEDELIE, Vol. 10, No. 2, Feb. 1955, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

GEORGIEV, T.

Georgiev, T. Agricultural technology, types, and production of wheat in the
Brashlian irrigation system. p.13.

Vol. 10, no. 10, Oct. 1955 KOOPERATIVNO ZEMELIE Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2
February, 1956

GEORGIEV, T

COUNTRY : BULGARIA
CATEGORY : Farm Animals. Cattle. Q
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25841
AUTHOR : Georgiyev, Tsonyu
INST. : -
TITLE : Our Experience Pertaining to Feeding Animals
with Coarse Feeds.
ORIG. PUB. : Zhivotnov'dstvo i vet. delo, 1957, 11, No 12,
35-37
ABSTRACT : When cattle were fed during the winter with
ground coarse fodder, their average daily milk
yield was 1.37 kg higher than when they were fed
fodder which had not been ground.

CARD: 1/1

GEORGIEV, T.;JANTSKY, B.;SISKA, V.

Characteristics of uranium mining. p. 684.

BANYASZATI LAPOK. (Magyar Bányászati és Kohászati Egyesület) Budapest, Hungary.
Vol. 14, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 26, no. 1/2, 1959.
Uncl.

GEORGIAN, Telfon; ANTONOV, NIKOLAI

Results from the studies on some foreign water control bridges in
the brushlyan irrigation system. (Soviet) Study No. 0:1223-1230
163.

GEORGIEV-TODORAVA, Iordanka

Current problems in the vegetative hybridization of plants.
Priroda Bulg 13 no.5:12-16 S-O '64.

GEORGIEV, Trifon

Results from the study of nine varieties of sunflowers under
nonirrigation. Selskostop nauka 2 no.1:20-26 '63.

H/013/60/000/004/001/001
D018/D105

AUTHORS: Georgiev, Troyan D., diplomate mining engineer; Jantsky, Bela, doctor, geologist, candidate of geological sciences and Siska, Vince, diplomate mining engineer

TITLE: Concentration of uranium ores

PERIODICAL: Bányászati Lapok, no. 4, 1960, 257-264

TEXT: The article deals with the concentration of uranium ores, describing the development and the different concentration methods used in the Western countries and in the USSR. The gradual exhaustion of hydrothermal uranium ore deposits made it necessary to increase the exploitation of conglomerates and sedimentary deposits with a uranium content of only 0.1-0.5%, and to develop and introduce new profitable ore concentration methods. Emphasis is laid on the fact that uranium cannot be regarded as a metal and has no importance as a material with secondary structure such as iron and copper, but that it is a source of energy. The following methods for preparing the uranium ore for metallurgical use are known: (1) physical concentration methods and (2) chemical or hydrometallurgical methods. The selective grinding, carried out wet or dry in rod or ball mills,

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D018/D105

Concentration of uranium ores


and used in physical concentration methods, was recently improved by flocculation chemicals used in sedimentation. The flotation method which produces basic material for hydrometallurgical concentration plants, can be used for treating sulfides and even carbonates prior to final concentration. Successful experiments were recently carried out with concentration of uranium carbonates. Due to these experiments it is expected that separation of uranium ores into ores with low carbonate content suitable for acid separation and into ores with high carbonate content suitable for the alkaline process will be possible. In the flotation of uranium ores fatty acids and salts with high valence are used as collecting reagents, since both the primary and secondary deposits of uranium belong to the group of oxide ores. These reagents have long-chain hydrocarbon radicals and chemically active electrophilic centers. The fatty acids can be used, most successfully, in processing silicate uranium ores. The unfavorable influence of the fine mud, which originates from the ore grinding and which contains uranium in large quantities, can be reduced by various emulsions

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D018/D105

Concentration of uranium ores

as in case of fatty acids or other reagents not easily soluble in water. At present experiments are being carried out on emulsifying flotation reagents with supersonic waves. The gravitational process can successfully be used in concentrating pegmatite ores. The heavy-suspension process and the magnetic method are also widely used. The most recent method is radiometric grading which is based on the natural radioactivity of the uranium ore. This method is especially successful for ores where the uranium is not equally dispersed but is concentrated in lumps. The suitability of the radiometric method for grading can be determined by the contrast test. For the test several tons of sample ore are graded and the uranium content of each piece in the different grading class determined by radiometric analysis. This analysis is carried out with small-size grains in quantities weighing 1/2-2 kg. The contrast curve of the uranium ore, as shown in Fig. 4 and 5, can be drawn from data received from calculations. On the basis of these graphs the suitability of the radiometric method and the main production indices, such as weight, metal yield, etc., can be determined. Experience showed that the radiometric method can be used for en-



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D018/D105

Concentration of uranium ores

riching ore grains larger than 25-50 mm. Successful experiments were recently carried out by grading grains of varied size, by using a radiometer for the automatic registering of differences in the quantity of gamma rays of the grain resulting from different grain sizes. The uranium ore is separated by radiometric separators at, or near, the mines. Such an installation consists of a conveyor belt, several meters long and 0.5-1.0-m wide, moving at a speed of 0.2-0.5 m/sec, above or below which one or more scintillation counters shielded by a lead screen against background radiation, have been installed. Previously, instead of scintillation counters Geiger counters were used. The ore is separated by the electromagnetic or pneumatic mechanism operated through an electronic relay system. The sketch of a separator operated by one radiometer is shown in Fig. 8. Fig. 9 shows a separator operated by 3 radiometers. In the USSR and also in Western countries experiments are being conducted on the use of radioactivity in concentrating non-radioactive ores, such as coals. The method used in these experiments, which employs various radioactive isotopes, is based on measuring the intensity of the ab-

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R/013/60/000/004/001/001
D018/D105

Concentration of uranium ores

sorbed or reflected radioactive rays. The heat treatment method has been successfully used in the concentration of torbernites. The ore containing 1% of U_3O_8 is heated at $700^{\circ}C$ for 1 hour, then cooled in water and separated according to the size of grain, taking 1 mm as limiting value. It has been proved that the uranium content of finely-ground ore can be increased to 0.209% with a uranium yield of 90.5% and with waste containing 0.025% of uranium. According to the authors the above mentioned physical methods are only preliminary concentration methods. Concentrates suitable for metallurgical use have not yet been produced by any of the above processes. There are 10 figures and 8 tables.

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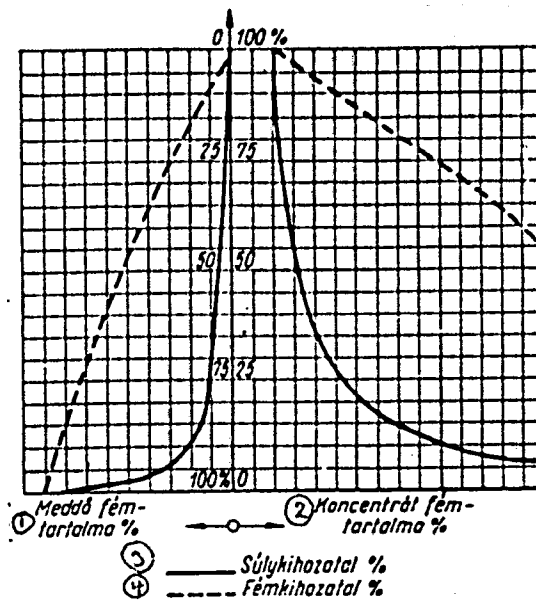
✓

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D018/D105

Concentration of uranium ores

Fig. 4. Contrast curve of the ore suitable for radiometric concentration.

Legend: (1) Metal content of waste in %.
(2) Metal content of concentrate in %.
(3) — weight yield in %.
(4) ---- metal yield in %.



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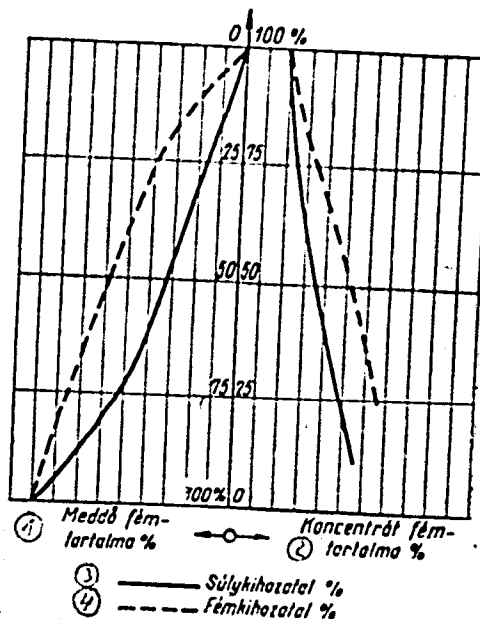
Fig. 4

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D018/D105

Concentration of uranium ores

Fig. 5. Contrast curve of the ore unsuitable for radiometric concentration.

Legend: (1) Metal content of waste in %. (2) Metal content of concentrate in %. (3) — weight yield in %. (4) ---- Metal yield in %.



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Fig. 5

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D018/D105

Concentration of uranium ores

Fig. 8. Sketch of a separator operated by one radiometer.

Legend: 1 Lead screen. 2 Observation casket. 3 Cable. 4 Measuring instrument. 5 Distributor. 6 Conveyer belt. 7 Chute of the concentrate. 8 Chute for chats. 9 Waste. 10 Ore bunker.

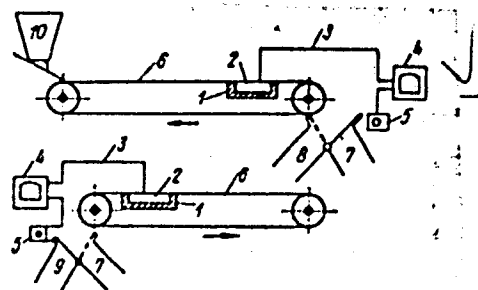


Fig. 8

Fig. 9. Sketch of a separator operated by three radiometers.

Legend: 1 First concentrate. 2 Second concentrate. 3 Chats. 4 Waste.

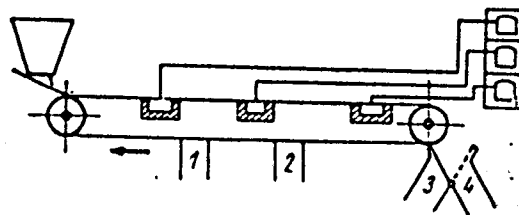


Fig. 9

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The effect of phenylcarbamide on electric convulsions.
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1. Submitted by Corresponding Member P. Nikolov.

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The extraordinary general session of the Bulgarian Academy of Sciences, held November 24, 1962, elected Academician Todor Pavlov honorary president, and Academician Liubomir K. Krustanov president of the Academy. Priroda Bulg 12 no. 1: 4-6 Ja-F '63.

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2. Vissh lesotekhnicheski institut (for Iosifov).

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1. Komitet po gorite i gorskata promishlenost.

G. OSEKIN, Voprosy, 1973.

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Unclass

GEORGIEV V.

Country : Bulgaria
CATEGORY :

M-8

ABS. JOUR. : RZBiol., No. 17 1957, No. 87203

AUTHOR : Stenkov, B.; Georgiyev, V.

INST. :

TITLE : Fruit Growing in Belogradchiska Area and Prospects of Its Development

ORIG. PUB. : Oveshchiarstvo i gradinarstvo, 1957, No 7, 10-15

ABSTRACT : Description of soil and climatic conditions, data on acreage of fruit plantings, their condition, the utilized and the recommended varieties of plums, apples, and pears.

CARD: //

GEORGIEV V.

BULGARIA / Plant Physiology. Growth and Development.

I

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730008-3

Abs Jour : Ref Zhur - Biol., No 8, 1956, No 54501

Author : Stoykov, Georgi D.; Georgiyev, V.; Shcherbava, Iv.

Inst : Not given

Title : On the Organogenesis of Certain Varieties and Species of Gramineae.

Orig Pub : Priroda i Znaniye (Bulg.), 1957, 10, No 5, 12- 14

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(MYONEURAL JUNCTION)		(PHARMACOLOGY)

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(ANTICONVULSANTS) (DIPHENYLHYDANTOIN)
(PHARMACOLOGY) (CONVULSIONS)

ROUSSINOV, K. [Rusinov, K.]; GEORGIEV, V.

Pharmacological study of phenylcarbamide derivatives with a view to the relation between their chemical structure and anticonvulsion effect. Doklady BAN 16 no.5:561-563 '63.

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Pharmacological studies on phenylcarbamide derivatives with special reference to their chemical structure and anticonvulsive properties. I. Izv. Inst. fiziol. (Sofia) 7:233-242 '64.

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Pharmacological studies on phenylcarbamide derivatives with special reference to the relation of their chemical structure to anticonvulsant properties. II. Comparative studies on phenylcarbamide, meta-tolylcarbamide and phenurone. Izv. inst. fiziol. (Sofia) 8:123-132 '64

GEORGIEV, V.; VASSILEVA, O.

On the anticonvulsive activity of certain derivatives of Phenylcarbamide. Doklady BAN 17 no.12:1129-1131 '64.

1. Physiological Institute of the Bulgarian Academy of Sciences, Sofia. Submitted July 28, 1964.

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Comparative investigation of certain derivatives of phenyl-carbamide with a view to their central myorelaxant effect.
Doklady BAN 17 no.12:1133-1135 '64.

1. Physiological Institute of the Bulgarian Academy of Sciences,
Sofia. Submitted July 28, 1964.

L 20221-66 RO/RM

ACC NR: AP6010333

SOURCE CODE: BU/0011/65/018/009/0233/0286

AUTHOR: Georgiev, V.

ORG: none

TITLE: Comparative acute toxicity, motor uncoordinating activity, and anticonvulsive effect upon electroshock seizure of some phenylcarbamide derivatives

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 9, 1965, 883-886

TOPIC TAGS: mouse, autonomic nervous system, toxicology, systemic toxin, carbamic acid

ABSTRACT:

An earlier investigation by the author pointed out the existence of the anticonvulsive activity of five phenylcarbamide derivatives with substitutions in the nucleus (o-methoxyphenylcarbamide, m-methoxyphenylcarbamide, o-ethoxyphenylcarbamide, o-aminophenylcarbamide, and 3,4-dimethylphenylcarbamide) upon electric convulsions (Compt. rend. Acad. bulg. Sci., 17, 1964, No 12, 1129). The present paper presents a more thorough investigation of the above substances upon electroshock seizure. In order to obtain a fuller assessment of the pharmacodynamics of these substances, they were further investigated for acute toxicity and for motor uncoordinating activity. The experiments were carried out on male white mice weighing 23 ± 0.10 g. The substances were administered intraperitoneally in 1 per cent starch suspensions. The anticonvulsive activities of the substances were determined by the test of the maximal electroshock seizure (J. E. P. Toman et al.,

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ACC NR: AP6010333

J. Neurophysiol., 9, 1946, 231) modified for albino mice (E. A. Swinyard et al., J. Pharmacol. and Exptl. Therap., 96, 1949, 99). The criterion adopted for the anticonvulsive effect is the abolition of the tonic extension of the hind legs. The disruption of the motor coordination was determined by the ROTA-rod test (N. W. Dunham, T. S. Biya, J. Amer. Pharmac. Assoc. Sci. Ed. 46, 1957, 208). Comprehensive results are presented in the form of a table and are followed by a discussion of the relation of the toxicity of the compounds and positions of the substitution made in phenylcarbamide nucleus. This paper was presented by P. Nikolov, Corresponding Member BAN on 20 May 1965. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 005

Card 2/2 *mgs*

ACC NR: AP6028479 SOURCE CODE: BU/0011/65/018/011/1059/1062

AUTHOR: Georgiev, V.

ORG: Institute of Physiology, Department of Pharmacology, BAN

TITLE: Comparative acute toxicity, motor incoordinating activity and anticorazol activity of some phenylcarbamide derivatives

SOURCE: Bulgarska akademiya na naukito. Doklady, v. 18, no. 11, 1965, 1059-1062

TOPIC TAGS: toxicity, drug effect, skeletal mechanics, phenyl compound, nonmetallic organic derivative, mouse, nervous system drug

ABSTRACT: An earlier investigation pointed out the anticonvulsive action on electric, Corazol, and strychnine convulsions of certain phenylcarbamide (PC) derivatives with substitutions in the aromatic ring (V. Georgiev, O. Vassileva, Compt. rend. Acad. bulg. Sci., 17, 1964, no. 12, 1129). The present study investigated in a comparative manner the effect of these substances on Corazol convulsions. The impairment of motor coordination and acute toxicity effects were also studied. The experiments were carried out on 629 white mice and the substances used were: o-methoxylPC, m-methoxylPC, o-ethylPC, o-chlorPC, o-aminoPC, 3,4-dimethylPC, PC and MTO, as well as the anticonvulsive drugs Phemurone and Tridione, and phenobarbital sodium. Results are presented in the form of comprehensive tables. An analysis of the data shows that the substitutions within the aromatic ring of the PC (methoxy group in o- and m-positions, ethyl group in o-position, chlorine in o-position, amine group in o-position, and 2 methyl

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0917 22'36

ACC NR: AP0028479

groups in positions 3 and 4) did not lead to essential changes in the PC activity towards the Corasol convulsions: the acute toxicity is slightly intensified, whereas the motor-incoordinating activity shows either a slight intensification or weakening. This paper was presented by Corresponding Member P. Nikolov on 12 August 1965. Orig. art. has: 2 tables. [Orig. art. in Eng.] [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: 12Aug65 / ORIG REF: 002 / OTH REF: 004

Card 2/2

BULGARIA

GEORGIEV, V., Department of Pharmacology, Institute of Physiology, Bulgarian Academy of Sciences

"The Anticonvulsive Activity of Certain Phenylcarbamide Derivatives"
Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 233-236

Abstract: [English article] Earlier investigations by the authors established the anticonvulsive activity of certain derivatives of phenylcarbamides (PC) with substitutions in the aromatic ring (see, e.g., Compt. rend. Acad. bulg. Sci., 17, 1964, No 12, 1129). The present paper presents data obtained from a detailed pharmacological screening of the anticonvulsive effect of these derivatives with the aim of finding the connection between their chemical structure and pharmacological activities. The experiments were carried out on white mice of both sexes. The drugs were administered intraperitoneally in 1% starch suspensions. The determinations covered the general effect, the acute toxicity for 24 hours, the motor-incoordinating activity after the Rota-Rod test, the anticonvulsive activity after the maximal electroshock seizure test, the subcutaneous maximal Corasol (Metrazol) test (Corasol 100 mg/kg), and the subcutaneous strychnine test (2 mg/kg). A comprehensive table presents the characteristics of all the PC derivatives used and the comparative toxicity and other properties. Since all tests were carried out with one species of animals only, future investigations are planned using other kinds of animals and other methods (nonintraperitoneal) of administration of the substances. There are 6 Bulgarian and 5 Western references. (Manuscript received, 26 Nov 65.)

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Physiology

BULGARIA

GEORGIEV, V., Institute of Physiology, Department of Pharmacology, Bulgarian Academy of Sciences

"Electroencephalographic Studies with Meta-Tolylcarbamide on Rabbits"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 7, 1966, pp 665-668

Abstract: [English article] Earlier investigations established the pronounced anticonvulsive action (upon chemical and electric convulsions) of a number of phenylcarbamide derivatives with substitutions in the aromatic ring, outstanding among which was the derivative with a methyl group in meta-position - meta-tolylcarbamide (MTC) (see, e.g., V. Georgiev, *Compt. rend. Acad. bulg. Sci.* 19, 1966, No 2, 233). The present paper describes further studies of MTC by the electroencephalographic method and during acute experiments on 32 adult rabbits the author compared MTC effects with those of Phenurone. Following a brief description of the experimental procedures, the author describes 1) the effect on the spontaneous bioelectrical activity; 2) the effect on the evoked bioelectrical activity; 3) the effect on the acute epileptogenic focus; and 4) the effect on Corazol manifestations. There are 11 Bulgarian and 1 Western reference. (Manuscript received, 2 Apr 66.)